

17712 U.S. PTO  
08/25/03

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

APPLICANTS: Christopher R. Doerr  
Hoon Kim

CASE NAME: Doerr 78-1

TITLE: Monitoring Alignment Between Pulse Carvers  
And Phase Modulators In Optical Systems

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SIR:

Enclosed are the following papers relating to the above-named application for patent:

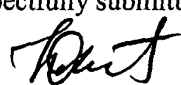
1. Transmittal Letter (1 page);
2. Unexecuted Declaration and Power of Attorney (5 pages); and
3. Patent Application with Formal Drawings (1 Cover Page; 8 Pages of Specification; 4 Pages of Claims; 1 Page of Abstract; 2 Sheet(s) of Drawings).

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	- 20=	0	x \$18 =	\$
Independent Claims	- 3=	0	x \$84 =	\$
Multiple Dependent Claim(s), if applicable			\$280 =	\$
Basic Fee				\$750
TOTAL FEE:				\$

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Respectfully submitted,

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PATENT TRADEMARK OFFICE

22154 U.S. PTO  
10/647662  
08/25/03